

USS HAYLER

(DD-997)

SEMAT I
HULL AND SUPPORTING
STRUCTURE SURVEY
24 JUNE TO 3 JULY 2002



PREPARED BY
SUPERVISOR OF SHIPBUILDING
CONVERSION AND REPAIR PORTSMOUTH VIRGINIA



4646 WITCHDUCK ROAD
VIRGINIA BEACH, VIRGINIA. 23455-6215
PHONE: 757-490-5000
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3 JULY, 2002
Serial # 1697 BJ -095

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA. to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS HAYLER (DD-997) during the period of 24 JUNE– 03 JULY, 2002.

The survey was conducted by:


Francis J. (Joe) LaRock Certified Level II, 21 December 2001

Candace Short Certified Level I, 11 January 2002

The instruments used were Krautkramer Branson,

Model DMS-2TC. Serial Number: 00N3V8
Calibration Date: 22 February 2002
Probes Used: TC 560
KBA 560
FH 2 E
KBA 525

I have reviewed the results of the survey and approved of the findings. The discrepancies have been recorded on MAF's and are included in this report.


Francis J. LaRock
Certified Level II

USS HAYLER (DD-997)
SEMAT I HULL AND SUPPORTING STRUCTURE SURVEY

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USS HAYLER (DD-997)
SEMAT I HULL AND SUPPORTING STRUCTURE SURVEY

A SEMAT HULL AND SUPPORTING STRUCTURE SURVEY WAS CONDUCTED ONBOARD **USS HAYLER (DD-997)** FROM 24 JUNE TO 3 JULY 2002 AT NAVAL STATION NORFOLK VIRGINIA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND A KRAUTKRAMER MODEL DM2TC ULTRASONIC TEST INSTRUMENT SERIAL NO. 00NV8, CALIBRATION DUE DATE 02/22/03. THE PROBES USED WERE KRAUTKRAMER BRANSON MODELS TC/560, FH2E AND KBA 525.

THERE WERE A LARGE NUMBER OF CSMP REVIEW SHEETS DOCUMENTING AREAS OF SEVERE CORROSION IN THE ENGINE ROOMS, AUXILIARYS, SHAFT ALLEY AND THE FORWARD PUMP ROOM. THESE AREAS WERE VALIDATED AND ENTERED IN THE CSMP. THE FOLLOWING CSMP REVIEW SHEETS AND PICTURE PAGES ARE THE RESULTS OF THIS SURVEY.

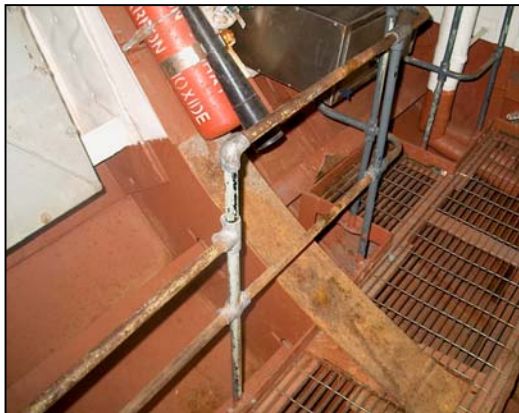
CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 6601	EIC A905000	APL X-COMPARTMENT		RIN N/L	
EQUIPMENT NAME COMPRESSOR ROOM		IDENT/SERIAL NONE		LOCATION 6-464-3-Q	WORK CENTER EA04	JSN P027	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 1		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SNAPSHOT-COMPRESSOR ROOM (6-464-3-Q) WATER SOAKED INSULATION HAS CONCEALED CORROSION ON LONGITUDINALS AND HULL PLATING. THE REMAINDER OF THE SPACE HAS WORN PAINT, BARE METAL AND CORROSION WITH EXFOLIATION. ESPECIALLY UNDER THE HPAC RECEIVERS. XXX COUNTING FROM OUTBOARD HPAC FOUNDATION; REMOVE 44 SQFT OF DETERIORATED INSULATION FROM BETWEEN THE 4 TH -5 TH , 5 TH -6 TH AND ABOVE THE 6 TH LONGITUDINALS. CLEAN TO BRIGHT METAL WHERE THE INSULATION WAS REMOVED, THE BILGES, FOUNDATIONS, BULKHEADS, PIPING AND OUTBOARD TO WHERE INSULATION WAS INSTALLED, PRIME AND PAINT TOTAL OF 650 SQFT. DO NOT REINSTALL NEW INSULATION. RECOMMEND REPAIR BEFORE ANY DEPLOYMENT SCHEDULED TO START AFTER 18 MAR 2002. ASSESSED BY D. SMITH, R. DAVIS, POC J. BRUCKNER, SPORT CODE 221 DSN 961-4001, COMM (757) 396-4001. */ASSESS/SHOT/NORFOLK /D/UNSAT/SF// /1201/1 /**/TECH/SMITH, D. /SPORT 221 /(757)396-4001/*1261 12-JUN-0211-SEP-02							
CSMP SUMMARY:					TEST#		
DETERIORATED HULL							
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA, EN2	RATE	SECOND CONTACT EN2 TAVARES	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
HPAC ROOM (6-464-3-Q)**



DETERIORATED HULL STRINGER BELOW THE AIR FLASKS.



SURFACE RUST ON FRAME 470 CSMP JSN P027



**CORROSION HIDDEN BY SATURATED HULL INSULATION
CSMP JSN-P027**



HEAVY CORROSION ON AIR FLASK FOUNDATION AND SURROUNDING AREAS CSMP JSN-P027.

CSMP REVIEW

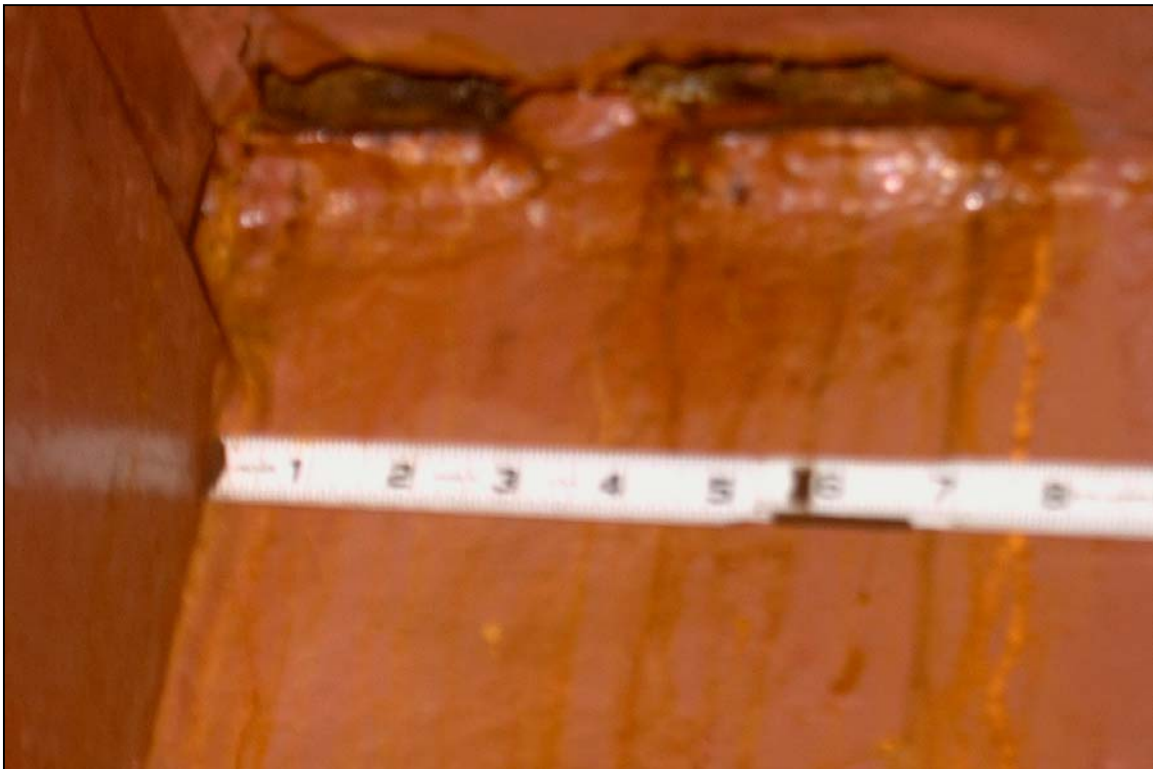
ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 0001	EIC		APL X-SYSTEMS	RIN N/L	
EQUIPMENT NAME HM&E SHIP LEVEL		IDENT/SERIAL NA		LOCATION 3-426-1-E	WORK CENTER EM02	JSN A114	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/02/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SNAPSHOT INSPECTION-A THREE FOOT SECTION OF SHELL STIFFENER BETWEEN FRAME 446 AND 450, STARBOARD SIDE.XXXREMOVE AND INSTALL NEW SHELL STIFFENER,SIX FEET ABOVE THE BILGE AND FROM FRAME 450 TO THREE FEET FORWARD OF FRAME 450. PRESERVE NEW MATERIAL IAW 990-32 COFFERDAM REQUIRED. ACCOMPLISH NEXT CNO AVAILABILITY. ASSESSED BY: MILTEER, SUPSHIP CODE 221 AT DSN 961-4001 OR COMM. 757-396-4001. 2 ND POC B.MACAVOY. 126128100A221 17-JUN-0224-JUL-02							
CSMP SUMMARY: SHELL STIFFENER DETERIORATED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT BROWN GSM1	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOPT 221 J.BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
GAS TURBINE GENERATOR ROOM 3 (3-426-1-E)**



STARBOARD SHELL

3RD STRINGER FROM MARGIN PLATE FORWARD OF FRAME 440 CSMP-JSN A114



3RD STRINGER FROM MARGIN PLATE AFT OF FRAME 440.

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 6601	EIC A905000	APL XCOMPARTMNT		RIN N/L	
EQUIPMENT NAME SHAFT ALLEY & SE		IDENT/SERIAL NONE		LOCATION 6-346-0-Q	WORK CENTER EA04	JSN PO29	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 2		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 3		
PER SNAPSHOT – SHAFT ALLEY (6-346-0-E) PORT AND STBD BILGE AND TANK TOPS ARE SEVERLY CORRODED FROM FRAME 346 TO 366. CORROSION EXTENDS FROM AREAS UNDER SHAFTS, MARGIN PLATES, TANK TOPS, AND MACHINERY FOUNDATIONS. XXX REPAIR ACTIVITY PREPARE AND PRESERVE IN ACCORDANCE WITH STANDARD ITEMS BILGE AREAS, INCLUDING AREAS UNDER SHAFTING, TANK TOPS, MARGIN PLATES AND MACHINERY FOUNDATIONS, FROM FRAME 346 TO 366 IN AREA 6-346-0-Q 1261292781261 12-JUN-0211-SEP-02							
CSMP SUMMARY: SHAFT ALLEY BILGES					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA, EN2	RATE	SECOND CONTACT EN2 TAVARES	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSORT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-977)
SHAFT ALLEY (6-346-0-Q)**



DETERIORATED BULKHEAD STIFFENER ON STARBOARD SIDE APPROXIMATELY
8 FT FORWARD OF AFT BULKHEAD.



CORROSION ON SHELL, TANK TOPS AND EQUIPMENT FOUNDATIONS
CSMP JSN P029

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 0001	EIC Z000000	APL 00HME0000		RIN N/L	
EQUIPMENT NAME HM&E SHIP LEVEL		IDENT/SERIAL N/A		LOCATION 5-300-0-E	WORK CENTER EM02	JSN A070	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE:	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 8		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 3		
PER SNAPSHOT – STARBOARD SHELL PLATE AND LONGITUDINAL STIFFENERS HAVE SEVERE CORROSION (FLAKING AND PEELING PAINT), LOCATED ON STBD SIDE OF ENGINE ROOM, BETWEEN FRAMES 300 AND 346, LOWER LEVEL IN ENGINE ROOM #2. XXX REPLACE 3 RD STRINGER FROM MARGIN PLATE FROM FRAME 300 TO 346.126128100							
CSMP SUMMARY: MER2 STBD STRINGER					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT ADAMS, GSM1	RATE	SECOND CONTACT X	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOPT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1101	EIC U000000	APL X-SYSTEM ITEM		RIN N/L	
EQUIPMENT NAME MER2 BILGES		IDENT/SERIAL		LOCATION	WORK CENTER	JSN A349	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 0	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION OTHER OR NOT APPLICABLE 0		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 3		
PER SEMAT II – STRUCTURAL MER 2 (5-300-0-E) PORT AND STARBOARD SHELL PLATE, STRINGERS, MARGIN PLATE AND TANK TOPS ARE CORRODED. (FRAME 300 TO 346). XXX REPAIR ACTIVITY REMOVE CORROSION AND PRESERVE IAW CNSL PROTOCOLS STANDARD ITEMS. PORT AND STARBOARD MARGIN PLATE, SHELL TANK TOP AND STRINGERS, UP TO 6 TH STRINGER FROM MARGIN PLATE FROM FRAME 300 TO 346. 12261310681261 12-JUN-0211-SEP-02							
CSMP SUMMARY: MER 2 BILGE CORROSION					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT FELDMAN GSM1	RATE	SECOND CONTACT GSM3 HUBER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE; SSORT 221 J.BRUCKNER 757-396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



**CORROSION AND PAINT FAILURE, STARBOARD SIDE SHELL AND MARGIN PLATE
BETWEEN FRAMES (308-316). (CSMP JSN A349).**

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 0001	EIC Z000000	APL 00HME0000		RIN N/L	
EQUIPMENT NAME HM&E SHIP LEVEL		IDENT/SERIAL N/A		LOCATION 5-300-0-E	WORK CENTER EM02	JSN Y114	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE:	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 0		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER PORT ENGINEER INSPECTION – HULL STRINGERS PORT AFT ENGINE ROOM UNDER HP AIR FLASK FOUNDATIONS CORRODED.XXX REMOVE AND INSTALL NEW SHELL STIFFENERS PORT SIDE MER2.STRINGERS ARE 3 RD AND 4 TH STRINGERS FROM MARGIN PLATE, FRAME 320 TO 340. 1261320441261 12-JUN-0211-SEP-02							
CSMP SUMMARY: SHELLLL STIFFENER DETERIORATED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT WOODSIDE,DAN, CIV	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOINT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



HOLES IN 3RD STRINGER FROM THE MARGIN PLATE APPROXIMATELY 1FT FORWARD OF FRAME (332). (CSMP JSN Y114).



DETERIORATED WEB OF 3RD STRINGER FROM MARGIN PLATE AFT OF FRAME (332).
BELOW AIR FLASK.

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HAYLER (DD-997)			
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 1101	EIC	APL	RIN N/L
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 5-300-0-E	WORK CENTER ER02	JSN P574
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED	.5
TYPE/AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 3	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED 2	MAN HRS REMAINING 500	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: PER SEMAT I UNDERWATER HULL ASSESSMENT: MAIN ENGINE ROOM NO 2 (5-300-0-E) PORT SIDE					
THE 5 TH & 6 TH STRINGERS FROM MARGIN PLATE ARE HOLED APPROX. 4FT FWD OF FRAME 324, THE 6 TH , 8 TH AND 9 TH STRINGERS ARE HOLED 1FT FWD OF FRAME 332 AND THE 4 TH STRINGER FROM MARGIN PLATE 4FT AFT OF BHD 300 IS HOLED.					
RECOMMENDED REPAIRS: RECOMMEND REPAIR ACTIVITY CUT OUT AND REPLACE 6TH STRINGER FROM FRAME 324 TO 340 APPROX 16 LF, REPLACE 6TH STRINGER FROM FRAME 324 TO 332 APPROX 8FT, REPLACE 8TH AND 9TH STRINGERS FROM FRAME .332 TO 340 8LF USING 10X4X11.5# T BEAM PRIME AND PAINT AREAS DISTURBED BY REPAIRS.					
SSPORT C221 POC: J.BRUCKNER (757-396-4001 EXT) TPOC: J.LAROCK (QED 757-490-5047)					
CSMP SUMMARY: DETERIORATED STRINGERS				TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:					
PART NO.	NOMENCLATURE		QTY	NSN	COST
1					
2					
3					
4					
5					
6					
FIRST CONTACT MORGAN	RATE DC2	SECOND CONTACT MORGAN	RATE DC2	PHONE	
ASSESSOR / ACT / TECH ID# J. LAROCK C.SHORT QED SYSTEMS INC.			TD	TL	LOGISTICIAN TSP

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



6TH STRINGER FROM THE MARGIN PLATE, APPROXIMATELY 1FT FORWARD OF FRAME (331), PORT SIDE. JSN P574



CORROSION ON SHELL AND 7TH STRINGER FROM MARGIN PLATE BETWEEN FRAMES (324-332), PORT SIDE.

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



DETERIORATED WEB OF 8TH STRINGER FROM MARGIN PLATE FORWARD OF
FRAME (324) JSN P574



**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



PHONE BOARD FORWARD OF FRAME (324). THE 5TH STRINGER FROM THE MARGIN PLATE IS HOLED BETWEEN BOARD AND SHELL.JSN P574



**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



LOOKING UP AT THE 8TH STRINGER FROM MARGIN PLATE AT FRAME (316). JSN P574



9TH STRINGER FROM MARGIN PLATE FORWARD OF FRAME (316)

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)**



6TH STRINGER FROM MARGIN PLATE FORWARD OF FRAME (316) P574

USS HAYLER (DD-997)
MAIN ENGINE ROOM 2 (5-300-0-E)
PORT SIDE



HOLE IN WEB OF 4TH STRINGER FROM THE MARGIN PLATE APPROXIMATELY
4 FT AFT OF FRAME (308). PORT SIDE. JSN P574



HOLE IN WEB OF 4TH STRINGER FROM MARGIN PLATE APPROXIMATELY
4FT AFT OF BULKHEAD (300)

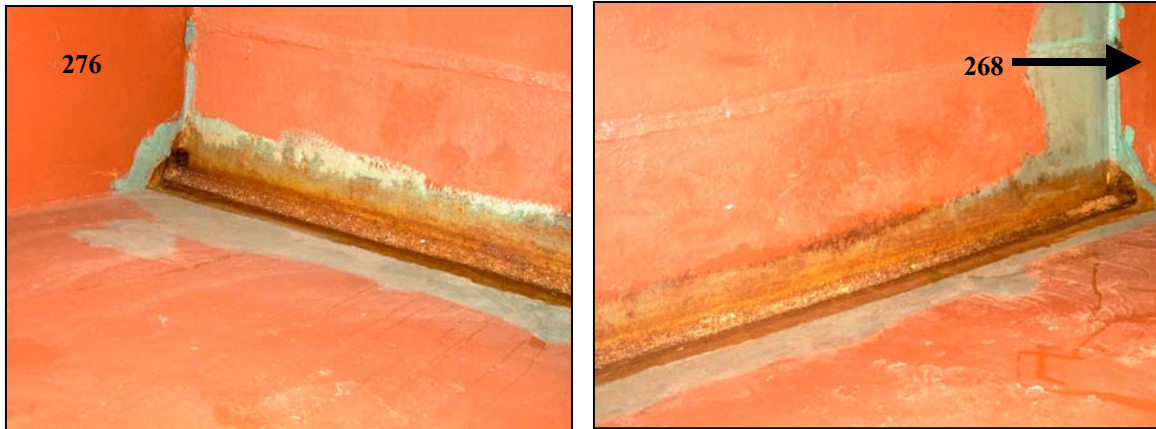
CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 0001	EIC Z000000	APL 00HME0000		RIN N/L	
EQUIPMENT NAME HM&E SHIP LEVEL		IDENT/SERIAL N/A		LOCATION 5-300-0-E	WORK CENTER EM02	JSN A004	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE:	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 1		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 5		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION 3			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 3		
PER SNAPSHOT – LONGITUDINAL STIFFENERS AND SHELL PLATING BEHIND CARBON DIOXIDE BOTTLE RACK HAS APPROXIMATELY 10 SQUARE FEET OF SEVERE CORROSION (RUSTY, FLAKING METAL), LOCATED APPROXIMATELY 7' ABOVE BILGE AREA, APPROXIMATELY 16' FWD OF AFT BHD FRAME 346, LOWER LEVEL ENGINE ROOM #2, PORT OF SHIP'S CENTER LINE. XXX MECHANICALLY REMOVE APPROXIMATELY 10 SQUARE FEET OF RUSTY, FLAKING METAL DOWN TO GOOD CLEAN SOLID BARE METAL IAW SSPC-SP-6. INSPECT FOR ANY FURTHER DETERIORATION. RE-PRIME AND PAINT IN ACCORDANCE WITH 009-32. ASSESSED BY: S. SORENSON, SUPSHIP PORTSMOUTH, CODE C-221 AT DSN 961-4001 OR COMM (757) 396-4001. 2 ND POC: B. MCAVOY. 1261 12-JUN-0211-SEP-02							
CSMP SUMMARY: SHELL PLATE DETERIORATED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT ADAMS GSM1	RATE	SECOND CONTACT X	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOPT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

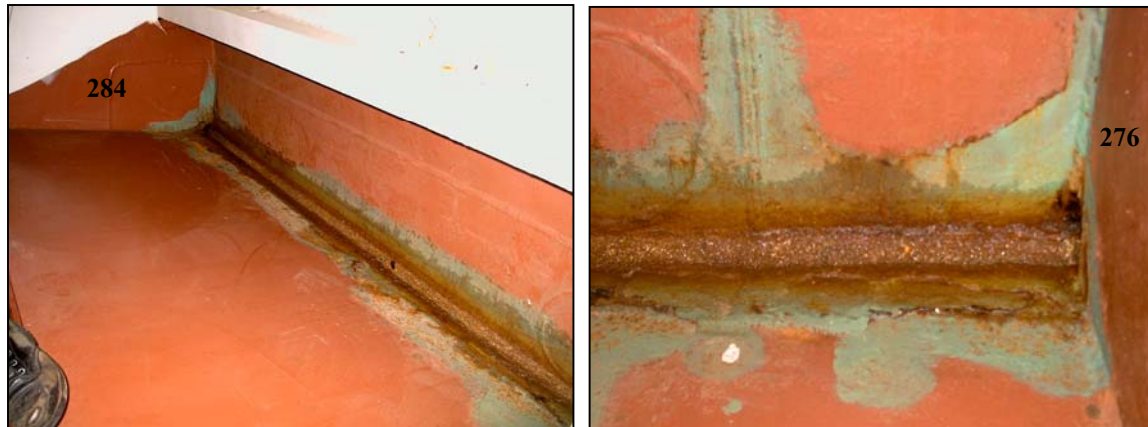
CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 6601	EIC A905000	APL X-COMPARTMENT		RIN N/L	
EQUIPMENT NAME AUXILIARY MCHRY		IDENT/SERIAL NONE		LOCATION 5-260-0-E	WORK CENTER EA04	JSN P023	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/022	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 1		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER SNAPSHOT-AUX MACHINERY ROOM 2 PORT SIDE; THE FOLLOWING AREAS ARE CORRODING WITH EXFOLIATION:MARGIN PLATE AND SHELL PLATING (BETWEEN FRAME 272 AND 299, ADJACENT TO MARGIN PLATE THE SHELL PLATING BETWEEN WEB FRAME 284 TO 292 AND BETWEEN 1 ST LONGITUDINAL AND 2 ND LONGITUDINAL ABOVE MARGIN PLATE,AND BETWEEN BHD FRAME 274 TO WEB FRAME 278 AND 2 ND LONGITUDINAL ABOVE MARGIN PLATE. XXX CLEAN TO BRIGHT METAL 100SQFT, PRIME AND PAINT. RECOMMEND REPAIR BEFORE ANY DEPLOYMENT SCHEDULED TO START AFTER 18 MAR 2002. ASSESSED BY D. SMITH, R. DAVIS, POC J. BRUCKNER SPORT CODE 221 ,DSN 961-4001, COMM (757) 396-4001. */ASSESS/SHOT/NORFOLK /D/UNSAT/SF// /1 /**/TECH/SMITH,D. /SPORT221/((757) 396-4001/*							
CSMP SUMMARY:					TEST#		
DETERIORATED HULL							
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA EN2	RATE	SECOND CONTACT EN2 TAVARES	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOET 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 2 (5-260-01-E)**



CORROSION, PAINT SCALING ON MARGIN PLATE AND SHELL, PORT SIDE
BETWEEN FRAMES 268AND 276. CSMP P023



BETWEEN FRAMES 284-AND 276 PORT SIDE. CSMP P023.

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1102	EIC U000	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME STRUCTURAL		IDENT/SERIAL NONE		LOCATION 5-220-0-E	WORK CENTER EA04	JSN P005	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL <div style="text-align: center;">4</div>	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/ 18/ 02	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE <div style="text-align: center;">3</div>	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE <div style="text-align: center;">7</div>		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE <div style="text-align: right;">1</div>		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE <div style="text-align: right;">4</div>		
PER SNAPSHOT-AUX MACHINERY ROOM 1 UPPER LEVEL, PORT SIDE BETWEEN FRAMES 220 AND 260, SHELL PLATING AND FIRST AND SECOND LONGITUDINAL ABOVE THE DECK HAVE SPOTTED DETERIORATED PAINT; PAINTED OVER CORROSION BLISTERS WITH EXFOLIATION. XXX CLEAN TO BRIGHT METAL 4FT UP FROM DECK 100 SQ FT, INCLUDES SHELL PLATE, WEB FRAMES AND LONGITUDINALS, PRIME AND PAINT. RECOMMEND REPAIR BEFORE ANY DEPLOYMENT SCHEDULED TO START AFTER 18 MAR. 2002. ASSESSED BY D. SMITH, R.DAVIS, POC J. BRUCKNER, SPORT CODE 221, DSN 961-4001, COMM (757) 396-4001 /ASSESS/ SNAPSHOT/NORFOLK /D/UNSAT/SF/H1/ /1 /**/ TECH/SMITH, D. /SPORT 221 (757) 396-4001/ *1261 12-JUN-0211-SEP-02							
CSMP SUMMARY: DETERIORATED HULL PLATE					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: X VALID (NO CORRECTIONS) REWRITE (VALID) FOUND COMPLETE COMPLETED BY SEMAT _____ CANCEL (WORK NOT REQUIRED) _____ NOT VALIDATED _____				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <div style="text-align: center;">YES</div> _____ NO _____			
FIRST CONTACT SILVA	RATE EN2	SECOND CONTACT EN2 TAVARES		RATE	PHONE		
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE 221 POC J.BRUCKNER (757) 396-4001				TD	TL	LOGISTICIAN	PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS	EIC	APL	X-SYSTEMS	RIN N/L	
EQUIPMENT NAME AUXILLIARY MCHRY		IDENT/SERIAL NONE		LOCATION 5-220-0-E	WORK CENTER EA04	JSN P018	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 2	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 4		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SNAPSHOT-AUXMACHINERY ROOM 1, LOWER LEVEL OUTBOARD TO STBD OF ESCAPE TRUNK AND 22 IN FWD OF AFT BHD OF AUX MACHINERY ROOM 5X4X1/4IN TEE IS RUSTED THROUGH TO THE BILGE. XXX REMOVE 6IN OF TEE AND REPLACE WITH NEW OF SAME MATERIAL. CLEAN TO BARE METAL, PRIME AND PAINT DISTURBED AREA. RECOMMEND REPAIR BEFORE ANY DEPLOYMENT SCHEDULED TO START AFTER 18 MAR 2002. ASSESSED BY D.SMITH, R.DAVIS, POC J.BRUCKNER, SPORT CODE 221, DSN 961-4001, COMM (757) 396-4001. /ASSESS/ SNAPSHOT/NORFOLK /D/UNSAT/TA/1 /1201/1 /1 /**/ TECH/SMITH,D. SPORT 221 / (757)396-4001/*126129246							
CSMP SUMMARY: STIFFINER RUSTED THROUGH					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA EN2	RATE	SECOND CONTACT EN2 TAVARES	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: D.SMITH / M.SINKS CODE SSPORT 221			(757) 396-4001	TD	TL	LOGISTICIAN	PAGE NO

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HAYLER (DD-997)			
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11011	EIC	APL	RIN N/L
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 5-220-0-E	WORK CENTER ER02	JSN P575
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED	.5
TYPE/AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 3	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED 2	MAN HRS REMAINING 300	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: PER SEMAT I UNDERWATER HULL ASSESSMENT: AMR 1 (5-220-0-E) UPPER LEVEL. STBD. SIDE 1ST					
STRINGER FROM DECK IS HOLED ON BOTH SIDES OF FRAME (252). PORT SIDE UPPER LEVEL, WEB OF 4 TH STRINGER FROM DECK IS DETERIORATED, WITH A CRACK APPROX. 4 IN. LONG, 3 FT FWD OF BHD 260					
RECOMMENDED REPAIRS:					
RECOMMEND REPAIR ACTIVITY CUT OUT AND REPLACE APPROX. 4FT OF 1ST STRINGER STBD SIDE USING 10X4X8.93# T-BEAM CUT OUT AND REPLACE APPROX. 2 FT OF 4 TH STRINGER FROM DECK PORT SIDE USING 10X4X8.93# T-BEAM . PRIME AND PAINT					
AREAS AFFECTED BY REPAIRS.					
SSPORT C221 POC: J.BRUCKNER (757-396-4001 EXT) TPOC:J.LAROCK (QED 757-490-5047)					
CSMP SUMMARY: DETERIORATED STRINGERS PORT&STBD.				TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:					
PART NO.	NOMENCLATURE		QTY	NSN	COST
1					
2					
3					
4					
5					
6					
FIRST CONTACT MORGAN	RATE DC2	SECOND CONTACT MORGAN	RATE DC2	PHONE	
ASSESSOR / ACT / TECH ID# J. LAROCK C.SHORT QED SYSTEMS INC.			TD	TL	LOGISTICIAN
					TSP

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 1 (5-220-0-E)**



CORROSION ON SHELL AND STRINGERS OUTBOARD OF CW EXPANSION TANKS PORT SIDE. CSMP JSN P005.



DETERIORATED FOUNDATION, CW EXPANSION TANK NO. 2
PORT SIDE, UPPER LEVEL. APPROXIMATELY 3 FT FORWARD OF FRAME 244.

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 1 (5-220-0-E)**



CORROSION ON SHELL AND DECK, PORT SIDE UPPER LEVEL BETWEEN
BHD. 220 AND FRAME 228. CSMP-JSN P005

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 1 (5-220-0-E)**



STARBOARD SIDE UPPER LEVEL. FIRST STRINGER UP FROM DECK AFT OF
FRAME 252. JSN P575



STARBOARD SIDE, UPPER LEVEL. FIRST STRINGER UP FROM DECK FORWARD OF
FRAME 252.

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 1 (5-220-0-E)**



DETERIORATED WEB OF 4TH STRINGER FROM DECK APPROXIMATELY
3FT FORWARD OF BHD. 260, PORT SIDE UPPER LEVEL. JSN P575

**USS HAYLER (DD-997)
AUXILIARY MACHINERY ROOM 1 (5-220-0-E)**



STARBOARD SIDE, LOWER LEVEL. DETERIORATED 5X4 T-BEAM
ON OUTBOARD SIDE OF ESCAPE TRUNK. CSMP-JSN P018.

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1101	EIC U000000	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL		LOCATION 5—174-O-E	WORK CENTER EMO1	JSN Y223	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 0		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER SEMAT 11 – INSPECTION OF MER 1(5-174-O-E), PORT SIDE HULL STRINGERS WERE FOUND HOLED AND CORRODED FROM FRAME 188 TO 212. XXX REPAIR ACTIVITY REPLACE 1 ST , 2 ND , 3 RD , AND 4 TH STRINGERS FROM MARGIN PLATE BETWEEN FRAMES 188 TO 196 PORT. 2) REPLACE 1 ST AND 2 ND STRINGERS FROM MARGIN PLATE BETWEEN FRAMES 196 AND 204 PORT. 3) REPLACE 1 ST , 2 ND AND 3 RD STRINGERS FROM MARGIN PLATE BETWEEN FRAMES 204 TO 212 PORT. 1261312271261 12-JUN-0211-SEP-02							
CSMP SUMMARY: MER 1 PORT STRINGERS CORRODED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT WOODSIDE, DAN CIV	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE; SSPT J.BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN	PAGE NO	

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



1ST, 2ND AND 3RD STRINGERS AT FRAME 196 PORT SIDE. CSMP-JSN Y223



HOLED 3RD STRINGER 1FT FORWARD OF FRAME 196. CSMP-JSN Y223

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



PORT SIDE, DETERIORATED WEB OF 2ND STRINGER. CSMP-JSN Y223



**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



PORT SIDE, 1ST STRINGER FROM MARGIN PLATE FORWARD OF FRAME 196. CSMP-JSN Y223



PORT SIDE, 1ST STRINGER FROM MARGIN PLATE AFT OF FRAME 196. CSMP-JSN Y223

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**

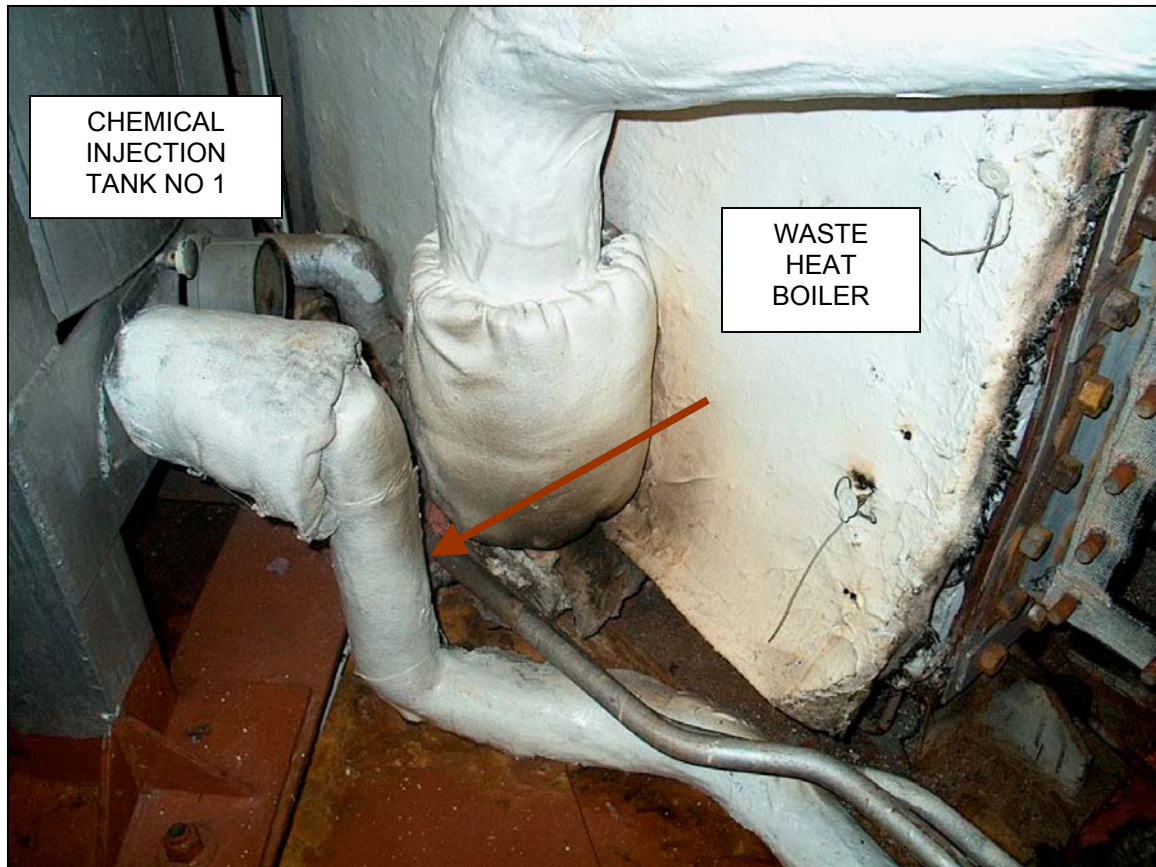


PORT SIDE, 2ND STRINGER AFT OF FRAME 196, FROM BELOW. CSMP-JSN Y223

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1300	EIC U000000	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL DECKS		IDENT/SERIAL		LOCATION 5-174-0-E	WORK CENTER ER02	JSN A126	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED	MAN HRS REMAINING		COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY	
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4			1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION 4			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4	
PER SEMAT II-INSPECTION OF MER 1(5-174-0-E), THE WHB #1 DECK STARBOARD 7 FEET FROM THE SHELL TO THE CENTERLINE FROM FRAME 220 TO FRAME 210, WAS FOUND CORRODED AND HOLED. THE DECK IS HOLED AT FRAME 212 (2 INCH DIAMETER) OF CIRC PUMP. XXX REPAIR ACTIVITY REMOVE CORROSION, UT AREA, CROP-OUT DAMAGE, WELD REPAIR AND PRESERVE AS DIRECTED BY SUPERVISOR. MM COMMENT: REQUEST DEPOT LEVEL ACTIVITY REMOVE CORROSION AND UT DECK AROUND WHB FROM FRAME 220 TO 210 FROM SHELL TO INBOARD LONGITUDINAL BULKHEAD. PROVIDE RESERVATION TO REPLACE APPROXIMATELY 50 FT FT2 OF UPPER LEVEL DECK PLATING AS DESIGNATED BY SUPERVISOR. 1261310891261 12-JUN-0211-SEP-02							
SSPORT C221 J. BRUCKNER 757-396-4001 / TPOC: D. SMITH / M. SINKS (MSC)							
CSMP SUMMARY: STRUCT MER1 WHB DECK CORRODED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: X VALID (NO CORRECTIONS) _____ REWRITE (VALID) _____ FOUND COMPLETE _____ COMPLETED BY SEMAT _____ CANCEL (WORK NOT REQUIRED) _____ NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: _____ YES _____ NO			
FIRST CONTACT BROWN, GSM1	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE SSPO 221 J.BRUCKNER 757-396-4001			TD	TL	LOGISTICIAN		PAGE NO

USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)



STARBOARD SIDE UPPER LEVEL. ARROW INDICATES LOCATION OF HOLE.
CSMP-JSN A126



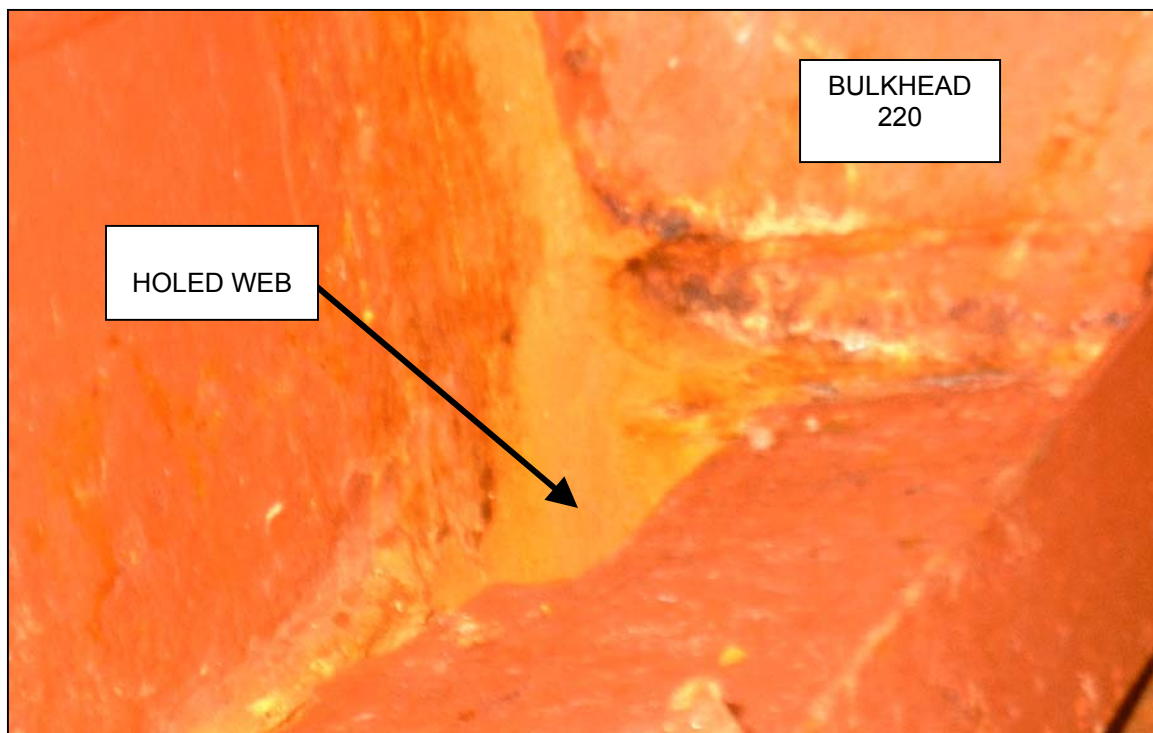
CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1101	EIC U000000	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL		LOCATION DD997 5-174-0-E	WORK CENTER EMO1	JSN A221	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 4		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER SEMAT II – INSPECTION OF MER 1 (5-174-O-E), STARBOARD STRINGERS WERE FOUND HOLED AND CORRODED FROM FRAME 220 TO FRAME 204. XXX REPAIR ACTIVITY REPLACE 2 ND , 4 TH AND 5 TH HULL STRINGERS FROM MARGIN PLATE BETWEEN FRAME 204 TO 220. 126131089PC32 01-OCT-9730-SEP-05 32770							
CSMP SUMMARY:					TEST#		
STRUCT MER 1 STRINGERS CORRODED							
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT BROWN, GSM1	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE SSPOPT C221 J. BRUCKNER 757-396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



STARBOARD SIDE, 1ST STRINGER FROM MARGIN PLATE AT FRAME 212.
ENTIRE WEB IS SEVERELY DETERIORATED FROM BULKHEAD 220 TO
FRAME 212. CSMP-JSN A221



**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



2ND STRINGER FROM MARGIN PLATE FORWARD OF FRAME 212 STARBOARD SIDE.
CSMP-JSN A221.



3RD STRINGER FROM MARGIN PLATE APPROXIMATELY 4FT AFT OF FRAME 204.
STARBOARD SIDE. CSMP-JSN A221.

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



4TH STRINGER FROM MARGIN PLATE FORWARD OF FRAME 204 STARBOARD SIDE
CSMP-JSN A221



3RD STRINGER FROM MARGIN PLATE FORWARD OF FRAME 196. STARBOARD SIDE
CSMP-JSN A221

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



4TH STRINGER FROM MARGIN PLATE AFT OF FRAME 180, STARBOARD SIDE.
CSMP-JSN A221



2ND STRINGER FROM MARGIN PLATE AFT OF FRAME 180

**USS HAYLER (DD-997)
MAIN ENGINE ROOM 1 (5-174-0-E)**



2ND STRINGER FROM MARGIN PLATE APPROXIMATELY 4FT FORWARD OF FRAME 180.
STARBOARD SIDE.

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1102	EIC U000000	APL X-SYSTEM ITEM		RIN N/L	
EQUIPMENT NAME HULL DECKS		IDENT/SERIAL		LOCATION 5-174-0-E	WORK CENTER EM01	JSN A204	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 0		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SEMAT II-STRUCTURAL MER 1(5-174-0-E)PORT AND STARBOARD SHELL PLATE, STRINGERS AND MARGIN PLATE AND TANK TOPS ARE CORRODED. XXX REPAIR ACTIVITY REMOVE CORROSION AND PRESERVE SHELL,STRINGERS AND MARGIN PLATE AND TANK TOP PORT AND STARBOARD MER 1 FROM MARGIN PLATE TO 6 TH STRINGER FROM MARGIN PLATE, FROM FRAME 174 TO 220. 1261310891261 12-JUN-0211- SEP-02							
CSMP SUMMARY:					TEST#		
HULL STRUCT DK SHELL PLT CORRO							
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT FELDMAN GSM 1	RATE	SECOND CONTACT GSEC BASSET	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1101	EIC U000000	APL X-SYSTEMITEM		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL		LOCATION 5-138-0-Q	WORK CENTER EA04	JSN A588	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 4		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SEMAT II-INSPECTION OF FORWARD PUMP ROOM #1 (5-138-0-Q),PORT STRINGERS (1 ST THROUGH 7 TH ABOVE MARGIN PLATE),INCLUDING SHELL PLATE,FRAME 146-154, WERE FOUND CORRODED. 1 ST STRINGER ABOVE MP AT AFT BULKHEAD (FRAME 154) AND 2 ND STRINGER ABOVE MP ARE ALSO HOLED. XXX1) REPLACE 1SST,2 ND ,3 RD ,HULL STRINGERS FROM MARGIN PLATE BETWEEN FRAME 154 AND146 12-JUN-0211-SEP-02 . DMW 02APR0112611310891261							
CSMP SUMMARY: STRUCT FWD PMP RM SHELLCORROD					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT BROWN GSM1	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOPT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 1101	EIC U000000	APL X-SYSTEM ITEM		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL		LOCATION 5-138-0-Q	WORK CENTER EA04	JSN A589	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 09/20/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
PER SEMAT II- INSPECTION OF FORWARD PUMP #1 (5-138-0-Q), STARBOARD SHELL AND STRINGERS WERE FOUND CORRODED (FRAME 138-154) FROM MARGIN PLATE TO OVERHEAD. 2 ND AND 3 RD STRINGERS FROM MARGIN PLATE ARE ALSO HOLED 4FT AFT OF FORWARD BULKHEAD. XXX1) REPLACE 1 ST , 2 ND , 3 RD STRINGER FROM MARGIN PLATE FROM FRAME 154 TO 138. DMW 02 APR011261310891261 12-JUN-0211-SEP-02							
CSMP SUMMARY: STRUCT 5-138-0-Q SHELL CORROD					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT BROWN GSM1	RATE	SECOND CONTACT GSMC WALKER	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOET 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 6341	EIC A905000	APL XCOMPARMNT		RIN N/L	
EQUIPMENT NAME PUMP RM NO 1		IDENT/SERIAL NONE		LOCATION 5-138-0-Q	WORK CENTER EA04	JSN P001	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 0		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER SNAPSHOT-NUMBER 1PUMP ROOM PORT AND STBD SHELL AND STRINGERS ABOVE DECK PLATE LEVEL TO OVERHEAD IS CORRODED.XXX REPAIR ACTIVITY REMOVE SHELL/HULL INSULATION. REMOVE CORROSION AND PRESERVE. RE-INSTALL INSULATION UPON COMPLETION OF PRESERVATION. 1261292381261 12-JUN-0211-SEP-02							
CSMP SUMMARY: PUMP ROOM CORRODED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA, EN2	RATE	SECOND CONTACT EN2 TAVARES	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSFORT 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

CSMP REVIEW

ITEM NUMBER				SHIP USS HAYLER (DD-997)			
SYSTEM HULL DECKS		ESWBS 6311	EIC A905000	APL XCOMPARTMNT		RIN N/L	
EQUIPMENT NAME PUMP RM NO 1		IDENT/SERIAL #		LOCATION 5-138-0-Q	WORK CENTER EA04	JSN P002	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS		1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 5. L - LIMITED			
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY DEADLINE DATE: 03/18/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 0		
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4		
PER SNAPSHOT-NUMBER 1 PUMP ROOM PORT AND STBD BILGES AND TANK TOPS ARE CORRODED WITH MATERIAL LOSS FROM FWD BLKHD FRAME 138 TO AFT BLKHD FRAME 154. XXX REPAIR ACTIVITY REMOVE CORROSION AND PRESERVE. INCLUDE ALL BILGES, TANK TOPS, SIDES AND MARGIN PLATES, PUMP FOUNDATIONS, MACHINERY FOUNDATIONS, AND DECK PLATE SUPPORT AND FRAMING. 126130124							
CSMP SUMMARY: #1 PUMP ROOM BILGES CORRODED					TEST#		
ROOT CAUSE/AMPLIFICATION					STEP#		
SYSTEM LEVEL IMPACT:							
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (NO CORRECTIONS) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED				UPLOAD VALIDATION INFORMATION / CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO			
FIRST CONTACT SILVA EN2	RATE	SECOND CONTACT ENC HARRISON	RATE	PHONE			
BLUEPRINTS: TECH MANUALS, PLANS, ETC.						ON BRD YES NO	
ASSESSOR: J. LAROCK / C. SHORT QED SYSTEMS INC. CODE: SSPOET 221 J. BRUCKNER (757) 396-4001			TD	TL	LOGISTICIAN		PAGE NO

**USS HAYLER (DD-997)
FORWARD PUMP ROOM (5-138-0-Q)**



STARBOARD SIDE, 2ND STRINGER FROM THE MARGIN PLATE FORWARD OF FRAME 146.
CSMP JSN A589



STARBOARD SIDE, 2ND STRINGER FROM THE MARGIN PLATE AFT OF FRAME 146.
CSMP JSN A589

**USS HAYLER (DD-997)
FORWARD PUMP ROOM (5-138-0-Q)**



PORT SIDE, 2ND STRINGER FROM THE MARGIN PLATE AFT OF FRAME 146.
CSMP JSN A588



PORT SIDE, BETWEEN FRAME 146 AND BHD 138. DAMAGED INSULATION AND
CORROSION ON SHELL PLATE AND STRINGERS. CSMP P001

**USS HAYLER (DD-997)
FORWARD PUMP ROOM (5-138-0-Q)**



CORROSION ON TANK TOP, STARBOARD OF CENTERLINE AT BHD 138.
CSMP JSN P002



CORROSION IN PORT BILGE POCKET. CSMP JSN P002

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
2½ -10-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
2½ -20-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
3-28-01-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-58-1-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-58-2-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-62-01-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-76-1-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-76-2-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-94-1-Q	N	N	N	N	GAS FREE REQUIRED
3-94-2-Q	N	N	N	N	GAS FREE REQUIRED

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
3-127-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-127-2-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-3-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-6-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-146-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-260-01-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-346-02-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-3-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-394-1-L	Y	Y	Y	N	SPACE 100% ASSESSABLE

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
3-426-1-E	Y	Y	Y	STBD SHELL AND BILGE AREA	SPACE 100% ASSESSABLE
3-426-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-437-2-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3½-464-0-T	Y	N	Y	N	SPACE 100% ASSESSABLE
4-28-0-T	Y	N	Y	N	SPACE 100% ASSESSABLE
4-34-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-58-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
5-E-0-V	N	N	N	N	GAS FREE REQUIRED
5-34-0-Q	Y	Y	Y	ENTIRE BILGE AREA	SPACE 100% ASSESSABLE
5-94-0-C	Y	Y	Y	N	SPACE 100% ASSESSABLE
5-118-0-C	Y	Y	Y	N	SPACE 100% ASSESSABLE
5-128-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
5-138-0-Q	Y	Y	Y	FOUNDATIONS IN BILGE AREA, PITSWORD FR (144) PORT SIDE	SPACE 100% ASSESSABLE
5-154-3-V	N	N	N	N	GAS FREE REQUIRED
5-154-4-V	N	N	N	N	GAS FREE REQUIRED
5-174-0-E	Y	Y	Y	TANK TOP IN WAY OF ACOUSTIC TILES. LL STBD SIDE STIFFNERS FROM TANK TOP UP TO BOTTOM SIDE OF U/L GRATING.	SPACE 100% ASSESSABLE

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
5-174-0-E	Y	Y	Y	EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-220-0-E	Y	Y	Y	L/L TANK TOP. U/L UNDER A/C UNITS. EQUIPMENT FOUNDATIONS IN BILGE AREA. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-260-01-E	Y	Y	Y	LOWER PORTION OF ESCAPE TRUNK BHDS. FOUNDATIONS IN BILGE AREA. ENTIRE TANK TOP IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL	SPACE 100% ASSESSABLE
5-300-0-E	Y	Y	Y	L/L PORT SIDE STIFFNERS FROM THE TANK TOP UP TO THE BOTTOM SIDE OF THE U/L GRATING. TANK TOP IN WAY OF ACOUSTIC TILES. EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-8-0-T	N	N	N	N	UNASSESSABLE
6½-11-0-V	N	N	N	N	GAS FREE REQUIRED
6-28-0-T	Y	N	Y	N	100% ASSESSABLE
6-34-0-V	N	N	N	N	GAS FREE REQUIRED
6-201-2-V	N	N	N	N	GAS FREE REQUIRED
6-300-3-V	N	N	N	N	GAS FREE REQUIRED
6-346-0-Q	Y	Y	Y	PAINT FAILURE CORROSION AND SATURATED INSULATION IN THE PARTIALLY ENCLOSED AREAS OUTBOARD OF SHAFTS	AREA 100% ASSESSABLE
6-379-2-V	N	N	N	N	GAS FREE REQUIRED
6-464-3-Q	Y	Y	Y	SHELL AND STIFFNERS AROUND H-PAC OVBD DISCHARGE	AREA 100% ASSESSABLE

DD 963 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-464-4-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-476-1-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-476-2-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-482-2-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-488-3-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-506-0-E	Y	Y	Y	N	AREA 100% ASSESSABLE